

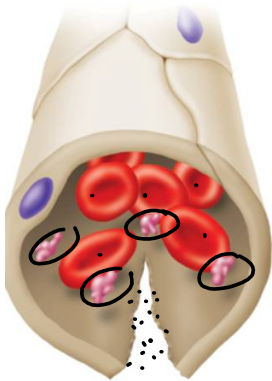
## Platelets and Blood Clotting

The body has an internal mechanism to slow bleeding and begin healing.

Bleeding stops because blood has the ability to form a clot.

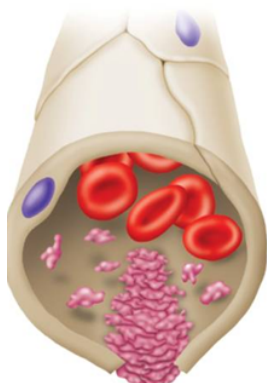


**Blood clotting is made possible by plasma proteins and platelets.**

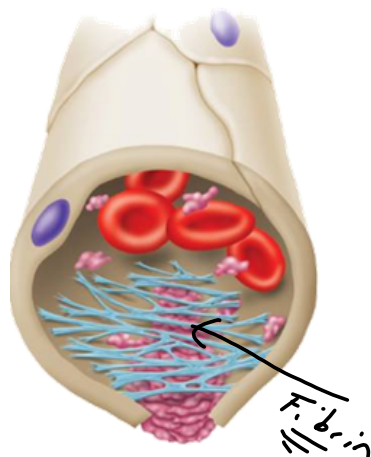


### Break in Capillary Wall

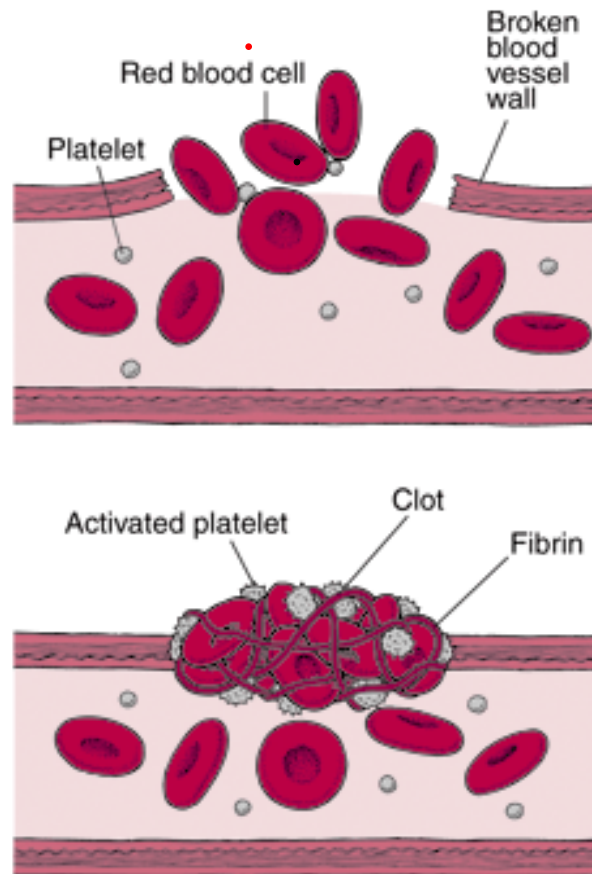
Blood vessels injured.



Platelets become sticky at the injury site, the protein fibrin sticks to the platelets forming a clot.



### Clot Forms



If someone is lacking the factors needed for blood to clot they are referred to as a hemophiliac - however the missing component can be injected into the patient